

Serial Number: 09/777,856

1653

#7

☐ Changed a file from non-ASCII to ASCII

☒ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:

ENTERED

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____

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☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

☐ Deleted extra, invalid, headings used by an applicant, specifically:

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically: _____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically: _____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

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1600

RAW SEQUENCE LISTING

DATE: 12/03/2002

PATENT APPLICATION: US/09/777,856

TIME: 09:19:19

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF4\12032002\I777856.raw

5 <110> APPLICANT: Aronheim, Ami
 7 Hubsman, Monika
 11 <120> TITLE OF INVENTION: NUCLEIC ACID CONSTRUCT SYSTEM AND METHOD UTILIZING SAME
 USEFUL
 12 FOR IDENTIFYING PROTEIN-PROTEIN INTERACTIONS
 16 <130> FILE REFERENCE: 01/21605
 C--> 20 <140> CURRENT APPLICATION NUMBER: US/09/777,856
 C--> 20 <141> CURRENT FILING DATE: 2001-02-07
 20 <150> PRIOR APPLICATION NUMBER: 60/220,153
 22 <151> PRIOR FILING DATE: 2000-07-24
 26 <160> NUMBER OF SEQ ID NOS: 7
 30 <170> SOFTWARE: PatentIn version 3.0
 34 <210> SEQ ID NO: 1
 36 <211> LENGTH: 561
 38 <212> TYPE: DNA
 40 <213> ORGANISM: Rattus rattus
 44 <400> SEQUENCE: 1
 45 atgacggaat ataagctggt ggtggtgggc gccggcggtg tgggcaagag tgcgctgacc 60
 47 atccagctga tccagaacca ttttgtggac gaatacgacc ccactataga ggattcctac 120
 49 cggaagcagg tggtcattga tggggagacg tgcctgttg acatcctgga taccgccggc 180
 51 ctggaggagt acagcgccat gcgggaccag tacatgcgca ccggggaggg cttcctgtgt 240
 53 ggtttgccat caacaacacc aagtctttt aggacatcca ccagtacagg gacgagatca 300
 55 aacgggtgaa ggactcggat gacgtgccca tgggtgctggt gggaacaag tgtgacctgg 360
 57 ctgcacgcac tgtggaatct cggcaggctc aggacctcgc ccgaagctac ggcacccct 420
 59 acatcgagac ctgcggcaag acccggcagg gagtggagga tgccttctac acgttggtgc 480
 61 gtgagatccg gcagcacaag ctgcggaagc tgaaccctcc tgatgagagt ggccccggct 540
 63 gcatgagctg caagggaatt c 561
 66 <210> SEQ ID NO: 2
 68 <211> LENGTH: 711
 70 <212> TYPE: DNA
 72 <213> ORGANISM: Rattus rattus
 76 <400> SEQUENCE: 2
 77 atgccgccgc gggagctgag cgaggccgag ccaccgcctc tcccggcctc gacccctcct 60
 79 ccgcgccggc gcagcgcccc tccggagctg ggcatacaat gcgtgctggt gggcgacgtc 120
 81 gcggtgggca agagcagcct catcgctcagc tacacctgca atggataccc ctgcgcgtat 180
 83 cggcctacag cactggacac tttctccgtg caagtcctgg tagatggagc ccctgtgcga 240
 85 attgagctct gggacacagc agggcaggag gactttgacc ggcttcgttc tctctgctac 300
 87 ccggataccg atgtctttct ggcttgcttc agcgtggtgc agcccagctc ctttcaaaac 360
 89 ataacagaaa aatggctgcc ggagatccgc actcacaacc cccaagcacc tgtgttgctg 420
 91 gtgggcactc aggccgacct gagggacgat gtcaatgtac taattcagtt ggaccaagga 480
 93 ggtcgggagg gccagatacc cgaaccccaa gccagggtt tggctgagaa gatccgggcc 540
 95 tgctgctacc ttgagtgtc agccttgacg cagaagaact tgaaggaggt gttcgactcg 600
 97 gccattctca gtgcgattga gcacaaagcc cgcctggaga agaaactgaa cgcaaaaggt 660
 99 gtgcgcacgc tctctcgtg tcgctggaag aagttcttct gctttgtttg a 711

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 TECH CENTER 1600/2900

RAW SEQUENCE LISTING

DATE: 12/03/2002

PATENT APPLICATION: US/09/777,856

TIME: 09:19:19

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF4\12032002\I777856.raw

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102 <210> SEQ ID NO: 3
104 <211> LENGTH: 24
106 <212> TYPE: DNA
108 <213> ORGANISM: Artificial
112 <220> FEATURE:
114 <223> OTHER INFORMATION: synthetic oligonucleotide
116 <400> SEQUENCE: 3
117 cggaattcaa atgcgtgctg gtgg                24
120 <210> SEQ ID NO: 4
122 <211> LENGTH: 20
124 <212> TYPE: DNA
126 <213> ORGANISM: Artificial
130 <220> FEATURE:
132 <223> OTHER INFORMATION: synthetic oligonucleotide
134 <400> SEQUENCE: 4
135 ccaagctatt taggtgacac                20
138 <210> SEQ ID NO: 5
140 <211> LENGTH: 33
142 <212> TYPE: DNA
144 <213> ORGANISM: Unknown
148 <220> FEATURE:
150 <223> OTHER INFORMATION: myc epitope tag
152 <400> SEQUENCE: 5
153 atggtgcaga agctgatctc cgaggaggac ctg        33
156 <210> SEQ ID NO: 6
158 <211> LENGTH: 86
160 <212> TYPE: DNA
162 <213> ORGANISM: Unknown
166 <220> FEATURE:
168 <223> OTHER INFORMATION: v-Src myristoylation sequence
170 <400> SEQUENCE: 6
171 atggggagta gcaagagcaa gcctaaggac cccagccagc gccggcccgg agatccacta    60
173 gtaacggccg ccagtgtgct ggaatt                86
176 <210> SEQ ID NO: 7
178 <211> LENGTH: 63
180 <212> TYPE: DNA
182 <213> ORGANISM: Unknown
186 <220> FEATURE:
188 <223> OTHER INFORMATION: CAAX box consensus sequence
190 <400> SEQUENCE: 7
191 aagctgaacc ctctgatga gagtggcccc ggctgcatga gctgcaagtg tgtgctctcc    60
193 tga                                           63

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/777,856

DATE: 12/03/2002
TIME: 09:19:20

Input Set : A:\PTO.DC.TXT
Output Set: N:\CRF4\12032002\I777856.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/777,856

DATE: 12/03/2002

TIME: 09:19:20

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF4\12032002\I777856.raw

L:20 M:270 C: Current Application Number differs, Replaced Current Application No

L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date



Does Not Comply
Corrected Sequence Needed 1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/777,856

DATE: 11/21/2002

TIME: 13:10:32

Input Set : A:\Seq.txt

Output Set: N:\CRF4\11212002\I777856.raw

5 <110> APPLICANT: Aronheim, Ami
7 Hubsman, Monika
11 <120> TITLE OF INVENTION: NUCLEIC ACID CONSTRUCT SYSTEM AND METHOD UTILIZING SAME
USEFUL
12 FOR IDENTIFYING PROTEIN-PROTEIN INTERACTIONS
16 <130> FILE REFERENCE: 01/21605
C--> 20 <140> CURRENT APPLICATION NUMBER: US/09/777,856
C--> 20 <141> CURRENT FILING DATE: 2001-02-07
20 <150> PRIOR APPLICATION NUMBER: 60/220,153
22 <151> PRIOR FILING DATE: 2000-07-24
26 <160> NUMBER OF SEQ ID NOS: 7
30 <170> SOFTWARE: PatentIn version 3.0

ERRORED SEQUENCES

34 <210> SEQ ID NO: 1
36 <211> LENGTH: 561
38 <212> TYPE: DNA
40 <213> ORGANISM: Rattus rattus
44 <400> SEQUENCE: 1
E--> 45 atgacggaat ataagctggt ggtggtgggc gccggcgggtg tgggcaagag tgcgctgacc
46 60
E--> 48 atccagctga tccagaacca ttttgtggac gaatacgacc ccactataga ggattcctac
49 120
E--> 51 cggaagcagg tggtcattga tggggagacg tgcctgttgg acatcctgga taccgccggc
52 180
E--> 54 ctggaggagt acagcgccat gcgggaccag tacatgcgca ccggggaggg cttcctgtgt
55 240
E--> 57 ggtttgccat caacaacacc aagtcttttg aggacatcca ccagtacagg gaggagatca
58 300
E--> 60 aacgggtgaa ggactcggat gacgtgccca tgggtgctggt ggggaacaag tgtgacctgg
61 360
E--> 63 ctgcacgcac tgtggaatct cggcaggctc aggacctcgc ccgaagctac ggcattcccct
64 420
E--> 66 acatcgagac ctcggccaaag acccggcagg gaggaggagga tgccttctac acgttggtgc
67 480
E--> 69 gtgagatccg gcagcacaag ctgcggaagc tgaaccctcc tgatgagagt ggccccggct
70 540
E--> 72 gcatgagctg caagggaatt c
73 561
76 <210> SEQ ID NO: 2
78 <211> LENGTH: 711
80 <212> TYPE: DNA

wrapped nucleics

RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/777,856

TIME: 13:10:32

Input Set : A:\Seq.txt

Output Set: N:\CRF4\11212002\I777856.raw

82 <213> ORGANISM: Rattus rattus

86 <400> SEQUENCE: 2

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E--> 87 atgccgccgc gggagctgag cgaggccgag ccaccgcctc tcccggcctc gaccctctct
88 60
E--> 90 ccgcgggcggc gcagcgcccc tccggagctg ggcatcaaat gcgtgctggt gggcgacgtc
91 120
E--> 93 gcggtgggca agagcagcct catcgtcagc tacacctgca atggataccc ctgcgcctat
94 180
E--> 96 cggcctacag cactggacac tttctccgtg caagtccctgg tagatggagc ccctgtgcga
97 240
E--> 99 attgagctct gggacacagc agggcaggag gactttgacc ggcttcgctc tctctgctac
100 300
E--> 102 ccgataccg atgtctttct ggcttgcttc agcgtggtgc agcccagctc ctttcaaaaac
103 360
E--> 105 ataacagaaa aatggctgcc ggagatccgc actcacaacc cccaagcacc tgtgttgctg
106 420
E--> 108 gtgggcactc aggccgacct gagggacgat gtcaatgtac taattcagtt ggaccaagga
109 480
E--> 111 ggtcgggagg gccagctacc cgaaccccaa gccagggtt tggctgagaa gatccggggc
112 540
E--> 114 tgctgctacc ttgagtgtc agccttgacg cagaagaact tgaaggaggt gttcgactcg
115 600
E--> 117 gccattctca gtgcgattga gcacaaagcc cgcctggaga agaaactgaa cgcaaaaggt
118 660
E--> 120 gtgcgcacgc tctctcgtg tcgctggaag aagttcttct gctttgtttg a
121 711
124 <210> SEQ ID NO: 3
126 <211> LENGTH: 24
128 <212> TYPE: DNA
130 <213> ORGANISM: Artificial
134 <220> FEATURE:
136 <223> OTHER INFORMATION: synthetic oligonucleotide
138 <400> SEQUENCE: 3
E--> 139 cggaattcaa atgcgtgctg gtgg
140 24
143 <210> SEQ ID NO: 4
145 <211> LENGTH: 20
147 <212> TYPE: DNA
149 <213> ORGANISM: Artificial
153 <220> FEATURE:
155 <223> OTHER INFORMATION: synthetic oligonucleotide
157 <400> SEQUENCE: 4
E--> 158 ccaagctatt taggtgacac
159 20
162 <210> SEQ ID NO: 5
164 <211> LENGTH: 33
166 <212> TYPE: DNA
168 <213> ORGANISM: Unknown
172 <220> FEATURE:

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RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/777,856

TIME: 13:10:32

Input Set : A:\Seq.txt

Output Set: N:\CRF4\11212002\I777856.raw

174 <223> OTHER INFORMATION: myc epitope tag
176 <400> SEQUENCE: 5
E--> 177 atggtgcaga agctgatctc cgaggaggac ctg
178 33
181 <210> SEQ ID NO: 6
183 <211> LENGTH: 86
185 <212> TYPE: DNA
187 <213> ORGANISM: Unknown
191 <220> FEATURE:
193 <223> OTHER INFORMATION: v-Src myristoylation sequence
195 <400> SEQUENCE: 6
E--> 196 atggggagta gcaagagcaa gcctaaggac ccagccagc gccggcccgg agatccacta
197 60
E--> 199 gtaacggccg ccagtgtgct ggaatt
200 86
203 <210> SEQ ID NO: 7
205 <211> LENGTH: 63
207 <212> TYPE: DNA
209 <213> ORGANISM: Unknown
213 <220> FEATURE:
215 <223> OTHER INFORMATION: CAAX box consensus sequence
217 <400> SEQUENCE: 7
E--> 218 aagctgaacc ctctgatga gaggggccc ggctgcatga gctgcaagtg tgtgctctcc
219 60
E--> 221 tga
222 63

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 11/21/2002

PATENT APPLICATION: US/09/777,856

TIME: 13:10:33

Input Set : A:\Seq.txt

Output Set: N:\CRF4\11212002\I777856.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/777,856

DATE: 11/21/2002

TIME: 13:10:33

Input Set : A:\Seq.txt

Output Set: N:\CRF4\11212002\I777856.raw

L:20 M:270 C: Current Application Number differs, Replaced Current Application No
L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:45 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:1
M:254 Repeated in SeqNo=1
L:87 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:2
M:254 Repeated in SeqNo=2
L:139 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:24 SEQ:3
L:158 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:4
L:177 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:33 SEQ:5
L:196 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:6
M:254 Repeated in SeqNo=6
L:218 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:7
M:254 Repeated in SeqNo=7